

Solving Distance Problems Using Proportions

Name _____



You will need a map and a ruler for this activity.

On a map, find the scale, or measure the scale line. Write the scale as a ratio. Then compare map distances to actual distances. Following the roads, measure the distance between any two places on the map and set up a proportion to find the actual distance.

The ratio for the map scale is _____

1. _____ = _____

The distance from _____ to _____ is _____

2. _____ = _____

The distance from _____ to _____ is _____

3. _____ = _____

The distance from _____ to _____ is _____

4. _____ = _____

The distance from _____ to _____ is _____

5. _____ = _____

The distance from _____ to _____ is _____

Choose one of these activities:

1) Make up a story problem involving map distances that could be solved using a proportion. Write the story and solve the problem.